

# Pregnan-11-one, 3,17,20,21-tetrakis(trimethylsilyloxy)-, (3«alpha»,5«beta»,20S)-

Other names: 3,17,20,21-Tetrakis(trimethylsilyloxy)pregnan-11-one, (3«alpha»,5«beta»,20S)-20«alpha»-Cortolone, tetrakis-TMS  
«alpha»-Cortolone, tetrakis-TMS  
«ALPHA»-cortolone, 4tms derivative

**Inchi:** InChI=1S/C33H66O5Si4/c1-31-19-17-25(36-40(6,7)8)21-24(31)15-16-26-27-18-20-33(38)

**InchiKey:** LTOJWDHWCDVAFF-UHFFFAOYSA-N

**Formula:** C33H66O5Si4

**SMILES:** CC12CCC(O[Si](C)(C)C)CC1CCC1C2C(=O)CC2(C)C1CCC2(O[Si](C)(C)C)C(CO[Si](C)(C)C)C1

**Mol. weight [g/mol]:** 655.22

**CAS:** 56196-46-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.07		Crippen Method
logp	9.090		Crippen Method
rinpol	3210.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=C56196464&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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